

KHEL – monitoring to protect, by using...

Innovative Automated Systems



Traditional Analytical Methods



Surveillance & Rapid Response



Kansas Health and Environmental Laboratories



We are here, protecting your future.

As the State environmental protection and public health agency, KDHE promotes responsible choices to protect the health and environment of all Kansans.

Through education, direct services and the review of data and trends, coupled with policy development and enforcement, KDHE will improve health and quality of life. We prevent illness, injuries, and foster a safe and sustainable environment for the people of Kansas.

For more information, contact us at:

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You may visit our website at:

<http://www.kdheks.gov/labs/index.html>

Protecting your family, your land, and your future!



Kansas Health and Environmental Laboratories



Monitoring to Protect...

Your Family



Newborn Screening – Over 40,000 infants are tested annually to detect and allow treatment for metabolic disorders such as PKU and sickle cell anemia.

Food-borne illnesses are continuously monitored and tracked using traditional and advanced molecular methods.

The **Parasitology** program screens samples from patients all over the state to aid in the diagnosis of intestinal illness. It serves as a reference laboratory in the identification of uncommon parasites.

Infectious Disease programs test various human specimens for vaccine-preventable disease such as measles, mumps, and rubella, as well as other diseases like tuberculosis and STD's. Programs also conduct year-round Influenza surveillance.

The **Blood Lead** program tests about 15,000 children annually for toxic lead levels that are harmful to mental and physical health.

Your Land



Your State Laboratory monitors *E. coli*, pesticides, herbicides, volatiles, metals and naturally occurring minerals in various environmental samples and public water supplies:

Lakes and Streams - 7000 samples from over 300 sites are tested annually helping to evaluate water quality across the State.

Soil and Hazardous Waste – The laboratory evaluates 500 pollution investigation samples each year.

Public Drinking Water - Over 60,000 samples are tested from 1,053 water suppliers to ensure a high quality supply.

Disaster and Emergency Prevention and Response – Provides cooperative ongoing monitoring of Wolf Creek Nuclear Power Plant. KHEL also performs bacterial and chemical contaminant testing to support multi-agency responses to spills and fires, and to assist recovery efforts at incidents that occur statewide.

Your Future



KHEL provides scientific and managerial leadership in developing state and federal public health policy, and in developing, promoting and integrating public health laboratory science into practice.

KHEL conducts exercises with local health departments, law enforcement, and the national laboratory response network.

KHEL's Preparedness and Emergency Response Program implements innovative technologies, including **DNA amplification assays** to provide rapid response to emerging threats from infectious disease and accidental or intentional release of hazardous substances.

KHEL provides laboratory support as a part of state and national disaster preparedness plans for environmental or health emergencies and natural disasters.

Visit the KHEL Laboratories website for more information on these and other programs and services:

<http://www.kdheks.gov/labs/index.html>